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Ag Digest

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

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The Keystone Ag Digest may be found on the Internet at the following address: http://www.nass.usda.gov/Statistics_by_State/Pennsylvania/Publications/Keystone_Ag_Digest

MILK PRODUCTION

Milk production in Pennsylvania during January 2006 totaled 919 million pounds, 5.8 percent above last January's production of 869 million pounds. The number of milk cows in the state during the month averaged 557,000 head, unchanged head from December but 7,000 head less than January 2005. Production per cow averaged 1,650 pounds for the month of January, 70 pounds more than December's estimate of 1,580 pounds, and 110 pounds more than January a year ago. Pennsylvania's milk production for 2005 totaled 10,503 billion pounds, up 441 million pounds or 4.4 percent from 2004. Pennsylvania ranked fourth in milk production for 2005, behind California, Wisconsin and New York. The average number of milk cows during the year was 561,000, which was 1,000 less than the previous year. Production per cow during 2005 totaled 18,722 pounds, compared to 17,904 pounds during 2004.

Milk production in the 23 states surveyed during January 2006 totaled 14.0 billion pounds, up 5.4 percent from production in these same states in January 2005. December revised production, at 13.6 billion pounds, was up 4.1 percent from December 2004. Production per cow averaged 1,711 pounds for January, 68 pounds above January 2005. The number of milk cows on farms averaged 8.19 million head, 103,000 head more than January 2005, and 11,000 head more than December 2005. The annual production of milk for the U.S. during 2005 was 177 billion pounds, 3.5 percent above 2004. Revisions to 2004 production increased the annual total by 129 million pounds. Revised 2005 production was up 0.3 percent from last month's publication. Average milk production per cow in the U.S. for 2005 averaged 19,576 pounds, 609 pounds above 2004. Average annual rate of milk production per cow has increased 19.1 percent from 1996. The average number of milk cows on farms in the U.S. during 2005 was 9.04 million head, up 3.2 percent from 2004. Average number of milk cows was revised up 2,000 head for 2004, and up 7,000 head for 2005.

DAIRY PRODUCTS

United States' butter production was 126 million pounds, 5.9 percent above December 2004 and 13.3 percent above November 2005. Total cheese output (excluding cottage cheese) was 791 million pounds, 2.2 percent above December 2004 and 3.9 percent above November 2005. American type cheese production totaled 325 million pounds, 0.3 percent

above December 2004 and 4.9 percent above November 2005. Frozen desserts (comparisons with December 2004): ice cream, regular (hard) -- 55.9 million gallons, up 1.4 percent; ice cream, lowfat (total) -- 23.6 million gallons, down 14.2 percent; ice cream, nonfat (hard) -- 1.25 million gallons, down 2.4 percent; sherbet (hard) -- 3.39 million gallons, up 16.2 percent. frozen yogurt (total) -- 4.33 million gallons, up 4.4 percent.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Dec 2004	Nov 2005	Dec 2005
000 Lbs.			
PENNSYLVANIA			
Butter.....	5,077	5,967	6,924
Ice Cream.....	2,715	2,973	2,846
UNITED STATES			
Butter.....	118,808	111,035	125,799
Cheese:			
American Types.....	324,236	310,171	325,220
Swiss.....	24,548	24,910	26,794
Brick and Muenster.....	6,819	6,394	6,778
Cream and Neufchatel.....	56,014	65,455	63,865
Mozzarella.....	258,281	252,049	266,961
Other Italian.....	63,411	67,222	67,439
Total Italian Types.....	321,692	319,271	334,400
All Other.....	28,282	21,211	19,891
Total.....	773,863	761,511	791,023
NF Dry Milk, Human.....	93,201	88,943	102,714
Yogurt, Plain & Flavored.....	213,766	207,380	214,809
000 Gal.			
FROZEN PRODUCTS:			
Ice Cream, Hard.....	55,193	61,819	55,945
Ice Cream, Lowfat.....	27,544	26,242	23,619
Ice Cream, Nonfat.....	1,281	1,197	1,250
Sherbet, Hard.....	2,920	3,481	3,394
Frozen Yogurt, Total.....	4,148	4,214	4,332
MIX FOR PRODUCTS:			
Ice Cream Mix.....	31,200	33,996	30,691
Ice Cream Mix, Lowfat.....	15,064	14,513	13,030
Ice Cream Mix, Nonfat.....	882	853	938
Sherbet Mix.....	2,042	2,496	2,433
Yogurt Mix.....	2,472	2,479	2,548

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		Jan 2005	Dec 2005	Jan 2006	Jan 2005	Dec 2005	Jan 2006
Milk Cows.....	Thous.	564	557	557	8,087	8,179	8,190
Milk Per Cow.....	Lbs.	1,540	1,580	1,650	1,643	1,663	1,711
Milk Production.....	Mil. Lbs.	869	880	919	13,287	13,599	14,011

CROP VALUES

Crop Values includes average prices and value of production for major field crops and many specialty crops. All prices are marketing year average (MYA) prices which do not include allowances or adjustments for commodities under government loan at the end of the marketing year, commodities forfeited to the Commodity Credit Corporation, loan deficiency payments, direct and counter cyclical payments, or disaster payments.

Each State MYA price is based on sales in the months comprising its marketing year, while United States marketing year averages are based on sales during the standard U.S. marketing year for each crop.

United States monthly prices, for all crops in the monthly price estimating program, are computed by weighting monthly State prices by monthly marketings for each State. United States MYA prices for corn, sorghum, oats, barley, wheat, rice, soybeans, peanuts, flaxseed, sunflower, upland cotton, dry edible beans, chickpeas (garbanzo beans), dry edible peas, Austrian winter peas, and lentils are computed by weighting U.S. monthly prices by monthly marketings for the U.S. marketing year. The U.S. MYA price for hay is computed similarly. However, State prices and marketings used in the U.S. MYA price calculations vary by month due to the U.S. marketing year

extending over a 14-month period. For all other crops, U.S. MYA prices are computed by weighting State MYA prices by the estimated production in each State.

State and U.S. preliminary 2005 MYA prices for corn, sorghum, oats, barley, wheat, rice, soybeans, flaxseed, sunflower, upland cotton, dry edible beans, chickpeas (garbanzo beans), dry edible peas, Austrian winter peas, lentils, peanuts, and potatoes are based on entire month price data through December 2005 and, except for cotton and peanuts, allowances are made for the portion of the 2005 crop to be marketed during the remainder of each crop's 2005 marketing year. State MYA prices for crops not in the monthly price program are based on annual surveys.

State value of production is computed by multiplying each State price by its production. Value of production for the U.S. is the sum of State values for all States listed for the crop. Value of production estimates relate to the crop year. These estimates should not be confused with cash receipts, which relate to sales during a calendar year irrespective of the year of production.

SUMMARY OF CROP VALUES, 2003-2005

Summary of Crop Values, 2003-2005						
Crop	Price per Bushel			Value of Production		
	2003	2004	2005	2003	2004	2005
	Dollars			(000) Dollars		
<u>CORN FOR GRAIN</u>						
Pennsylvania	2.96	2.25	2.20	302,956	308,700	257,664
United States	2.42	2.06	1.90	24,476,803	24,381,294	21,040,707
<u>WINTER WHEAT</u>						
Pennsylvania	3.31	3.40	3.40	23,484	22,491	26,622
United States	3.27	3.32	3.30	5,597,974	4,948,510	4,924,953
<u>OATS</u>						
Pennsylvania	1.81	1.89	2.05	11,747	11,435	12,403
United States	1.48	1.48	1.58	224,910	178,327	187,275
<u>BARLEY</u>						
Pennsylvania	2.13	2.20	1.80	8,445	7,502	6,091
United States	2.83	2.48	2.45	755,140	698,184	505,962
<u>SOYBEANS</u>						
Pennsylvania	7.33	5.43	5.55	112,699	106,157	95,571
United States	7.34	5.74	5.50	18,013,753	17,894,948	16,927,898
	Price Per Ton - Dollars					
<u>ALL HAY</u> ^{1 2}						
Pennsylvania	137.00	122.00	133.00	555,060	528,024	451,562
United States	85.50	92.00	98.00	12,006,783	12,211,868	12,491,263
	Price Per Pound					
<u>ALL TOBACCO</u> ³						
Pennsylvania	1.367	1.352	1.359	10,772	10,953	14,537
United States	1.964	1.987	1.647	1,576,436	1,752,335	1,053,430
	Price Per Cwt. - Dollars					
<u>SORGHUM FOR GRAIN</u>						
Pennsylvania	4.64	4.16	4.55	1,130	773	510
United States	4.26	3.19	3.04	964,978	843,464	715,327
<u>FALL POTATOES</u> ⁴						
Pennsylvania	7.05	7.45	8.70	23,794	19,668	23,925
United States	5.23	5.08	6.31	2,149,570	2,090,058	2,404,395

¹ Baled Hay. ² Estimated marketings of alfalfa and all other hay used weights to calculate all hay price. ³ For States with more than one type of tobacco marketed, the value of production is the sum of the individual types' values. ⁴ 2003 and 2004 Total and US price per cwt is derived from value of sales. 2005 is derived from value of production.

CATTLE INVENTORY

Pennsylvania farmers had 1,610,000 cattle and calves on hand on January 1, 2006, down 10,000 head from the January 1, 2005 level. The Keystone State's calf crop for 2005 was 620,000, down 30,000 head from one year ago. All cows that have calved, at 710,000, was down 1 percent from last year. Milk cow inventory, at 558,000, is down 1 percent from January 1, 2005. Beef cows totaled 152,000, down 2,000 head from last year's beef cow inventory. Milk cow replacement heifers 500 pounds and over, at 275,000, remained steady from last year's number. Beef cow replacement heifers, at 40,000, also remained unchanged from last year.

Other heifers 500 pounds and over, at 50,000, was down 5,000 head from January 1, 2005. Steers in the same weight category, at 160,000, decreased 6 percent from last year's level. Bulls, at 25,000, were the same as January 1, 2005. All calves under 500 pounds, at 350,000, were up 15,000 head from last year.

Primary data used in making cattle estimates for Pennsylvania and the United States were obtained from a sample of about 50,000 agricultural producers in the United States using probability surveys. Information was collected by mail, telephone and personal interview.

UNITED STATES – All cattle and calves in the United States as of January 1, 2006, totaled 97.1 million head, 2 percent above the 95.4 million on January 1, 2005.

The 2005 calf crop was estimated at 37.8 million head, up 1 percent from 2004. Calves born during the first half of the year are estimated at 27.4 million, up slightly from 2004. All cows and heifers that have calved, at 42.3 million, were up 1 percent from the 41.9 million on January 1, 2005. Milk cows, at 9.06 million, were up 1 percent from January 1, 2005. Beef cows, at 33.3 million, were up 1 percent from January 1, 2005. Milk replacement heifers, at 4.28 million, is up 4 percent. Beef replacement heifers, at 5.90 million, is up 4 percent.

Other class estimates on January 1, 2006 and the change from January 1, 2005, are as follows:

- All heifers 500 pounds and over, 20.0 million, up 2 percent.
- Other heifers, 9.80 million, up slightly.
- Steers weighing 500 pounds and over, 16.9 million, up 3 percent.
- Bulls weighing 500 pounds and over, 2.26 million, up 2 percent.
- Calves under 500 pounds, 15.6 million, up 2 percent.
- Cattle and calves on feed for slaughter in all feedlots, 14.1 million, up 3 percent.
- The combined total of calves under 500 pounds, and other heifers and steers over 500 pounds outside of feedlots, 28.2 million, up 2 percent.

U.S. CATTLE ON FEED UP 4 PERCENT

Cattle and calves on feed for slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 11.8 million head on January 1, 2006. The inventory was 4 percent above January 1, 2005 and 5 percent above January 1, 2004. The inventory included 7.57 million steers and steer calves, up 6 percent from the previous year. This group accounted for 64 percent of the total inventory. Heifers and heifer calves accounted for 4.15 million head, up 2 percent from January 1, 2005.

were 1.79 million. During December, placements of cattle and calves weighing less than 600 pounds were 575,000, 600-699 pounds were 554,000, 700-799 pounds were 430,000, and 800 pounds and greater were 325,000.

Marketings of fed cattle during December totaled 1.72 million, 3 percent below 2004 and 1 percent below 2003.

Placements in feedlots during December totaled 1.88 million, 3 percent above 2004 and 8 percent above 2003. This is the highest placements for the month of December since the series began in 1996. Net placements

Other disappearance totaled 91,000 during December, 1 percent below 2004 but 1 percent above 2003.

CATTLE & CALVES: JANUARY 1, 2005-2006

Class	Pennsylvania			United States		
	2005	2006	2006/2005	2005	2006	2006/2005
	(000) Head	(000) Head	Percent	(000) Head	(000) Head	Percent
Cattle & Calves	1,620	1,610	99	95,438.0	97,101.5	102
All Cows That Have Calved	720	710	99	41,920.4	42,311.4	101
Beef Cows	154	152	99	32,915.4	33,253.0	101
Milk Cows	566	558	99	9,005.0	9,058.4	101
Heifers 500 Pounds & Over						
For Beef Cow Replacement....	40	40	100	5,690.9	5,904.5	104
For Milk Cow Replacement....	275	275	100	4,118.3	4,278.0	104
Other Heifers	55	50	91	9,763.4	9,795.4	100
Steers 500 Pounds & Over	170	160	94	16,475.8	16,923.1	103
Bulls 500 Pounds & Over	25	25	100	2,219.3	2,262.8	102
Calves Under 500 Pounds	335	350	104	15,249.9	15,626.3	102
Calf Crop	620	-	-	37,780.1	-	-
Cattle & Calves On Feed	75	75	100	13,744.7	14,131.9	103

FARMS AND LAND IN FARMS **REMAIN THE SAME IN 2005**

The number of farms in the Commonwealth in 2005 was 58,200, unchanged from 2004. Land in farms totaled 7,700,000 acres, the same as last year. The average farm size also was unchanged from 2004 at 132 acres.

The number of farms in the United States in 2005 is estimated at 2.1 million, 0.6 percent fewer than in 2004. Total land in farms, at 933.4 million acres, decreased 2.9 million acres, or 0.3 percent, from 2004. The average farm size was 444 acres during 2005, an increase of one acre from the previous year. The decline in the number of farms and land in farms reflects a continuing consolidation in farming operations and diversion of agricultural land to nonagricultural uses.

NUMBER OF FARMS & LAND IN FARMS ¹

Year	Number of Farms	Land in Farms	Average Size of Farm
	<i>Number</i>	<i>(000) Acres</i>	<i>Acres</i>
<u>PENNSYLVANIA</u>			
2004	58,200	7,700	132
2005	58,200	7,700	132
<u>UNITED STATES</u>			
2004	2,112,970	936,295	443
2005	2,100,990	933,400	444

¹ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year.

The number of operations in Pennsylvania with cattle totaled 28,000 during 2005, unchanged from 2004. Beef cow operations in 2005 were up 1 percent from 2004. Milk cow operations were 2 percent below 2004. The number of operations with hogs totaled 3,200, a decrease of 200 operations from 2004. The number of operations with sheep at 3,600 was an increase of 200 operations or 6 percent more than in 2004.

Nationally, the number of operations with cattle totaled 982,510 during 2005, down 1 percent from 2004. Beef cow operations in 2005 were down 1 percent from 2004. Milk cow operations were 4 percent below last year. The number of operations with hogs totaled 67,330 during 2005, down 3 percent from 2004. The number of operations with sheep totaled 68,280 during 2005, up 1 percent from 2004.

NUMBER OF LIVESTOCK OPERATIONS:¹ 2004 - 2005

Specie	Pennsylvania		United States	
	2004	2005	2004	2005
<i>Number of operations</i>				
Cattle & Calves	28,000	28,000	989,460	982,510
Beef Cows ²	11,900	12,000	774,930	770,170
Milk Cows ²	9,100	8,900	81,520	78,295
Hogs & Pigs	3,400	3,200	69,500	67,330
Sheep & Lambs	3,400	3,600	67,580	68,280

¹ An operation is any place having one or more head of a specie at any time during the year. ² Included in operations with cattle.

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